

Notice of Allowability

Application No.

10/727,863

Applicant(s)

FALLIS ET AL.

Examiner

Art Unit

Marilyn P. Nguyen

2163

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Interview dated March 28, 2007.
2. ☒ The allowed claim(s) is/are 12-16.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


DON WONG
SUPERVISORY PATENT EXAMINER

DETAILED ACTION

1. In response to the communication dated March 15, 2007 and March 28, 2007, claims 12-16 are active in this application as the result of the cancellation of the rejected claimed 1-11 and 17-23 and in the condition for allowance.

Examiner's Amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Jesse J. Camacho, Reg. No. 51,258 on March 28, 2007.

The application has been amended as follows:

12. (currently amended) One or more computer-readable storage media having computer-useable instructions embodied thereon for performing a method of allocating resource indexes in a communications networking environment, the method comprising:

receiving one or more requests to identify one or more indexes available for allocation; wherein said indexes are to be respectively and uniquely associated with one or more network resources, and wherein said network resources include one or more selections from the following:

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(1) a network element including a switch, a router, a signal-transfer point, a computer-processing component, or an office facility;

(2) a database table; and/or

(3) a call-routing path[.];

querying a data-storage component to identify a set of available indexes consistent with said request(s), wherein querying said data-storage component includes providing a count parameter to denote a number of requested indexes;

denoting the identified indexes as unavailable for subsequent allocation;

and

~~communicating~~ respectively allocating one or more of said identified indexes ~~and the data related to said indexes to~~ one or more requesting components ~~a requesting component.~~

Allowable subject matter

3. The following is an examiner's statement of reason for allowance:

None of the references of record Teig (US 2003/0154210) and Gruber (US Patent No. 6,115,793) teaches or suggests the claimed (Claim 12) invention having, in addition to the other limitations in the claims, the limitation of "querying a data-storage component to identify a set of available indexes consistent with said request(s), wherein querying said data-storage component includes providing a count parameter to denote a number of requested indexes".

Dependent claims are allowable because they depend from base claim.

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4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusion

5. A shortened statutory period for response to this action is set to expire 3 (three) months and 0 (zero) day from the day of this letter. Failure to respond within the period for response will cause the application to become abandoned (see M.P.E.P 710.02(b)).

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Nayak U.S Patent No. 7,016,914 discloses performant and scalable merge strategy for text indexing.

Lenzie U.S Patent No. 6,182,079 discloses specifying indexes by evaluating costs savings for improving operation in relational databases.

Jakobsson U.S Patent No. 5,924,088 discloses index selection for an index access path.

Hughes U.S Patent No. 7,107,367 discloses method for efficient buffer tag allocation.

Rothschild U.S Patent No. 6,173,278 discloses method of and special purpose computer for utilizing an index of relational database table.

Smith U.S Patent No. 5,404,510 discloses database index design based upon request importance and the reuse and modification of similar existing indexes.

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Kitada US 2003/0217095 discloses system and method for managing documents with multiple applications.

Dickinson U.S Patent No. 4,499,553 discloses locating digital coded words which are both acceptable misspellings and acceptable inflections of digital coded query words.

Fenner U.S Patent No. 6,819,670 discloses data packet routing for mobile networks.

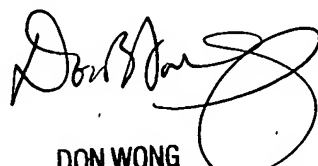
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marilyn P Nguyen whose telephone number is 571-272-4026.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on 571-272-1834. The fax phone numbers for the organization where this application or proceeding is assigned are 571-273-8300 for regular communications and 703-746-7240 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.


MN

March 28, 2007


DON WONG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100